

U.S. APPLICATION NO. **10/541937** | INTERNATIONAL APPLICATION NO. | ATTORNEY DOCKET NUMBER  
 Unassigned | PCT/US2004/000240 | 044921-5090-02-US

16. ☒ The following fees are submitted:  
 Basic National Fee (37 C.F.R. § 1.492(a)(1)-(5)):

**NATIONAL STAGE BASIC FEE AMOUNT = \$ 300.00**

Surcharge of \$130.00 for furnishing the oath or declaration later than

☐ 20 ☒ 30 months from the earliest claimed priority date  
 (37 C.F.R. § 1.492(e)).

Claims	Number Filed	Number Extra	Rate	
Total Claims	66 - 20 =	46	X \$50.00	\$2,300.00
Independent Claims	11 - 3 =	8	X \$200.00	\$1,600.00
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$
Application Size Fee - \$250.00 for each additional 50 sheets that exceeds 100				\$2,250.00
Search Fee			\$500.00	500.00
Examination Fee			\$200.00	200.00
<b>TOTAL OF ABOVE CALCULATIONS</b>				<b>\$7,150.00</b>
Reduction by ½ for filing by small entity, if applicable.				
Verified Small Entity statement must also be filed. (Note 37 C.F.R. §§ 1.9, 1.27, 1.28)				-\$
<b>SUBTOTAL =</b>				<b>\$7,150.00</b>
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)).				+\$
<b>TOTAL NATIONAL FEE =</b>				<b>\$7,150.00</b>
Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The Assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property				\$
<b>TOTAL FEES ENCLOSED =</b>				<b>\$7,150.00</b>
Amount to be refunded				\$
Amount to be charged				<b>\$7,150.00</b>

- a. ☒ Please charge my Deposit Account No. 50-0310 in the amount of \$7,150.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- b. ☒ Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. § 1.16 and § 1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0310.

Submitted: July 8, 2005

Customer No. 09629  
 SEND ALL CORRESPONDENCE TO:  
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JC10 Rec'd PCT/PTO 08 JUL 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. § 371		Attorney's Docket Number 044921-5090-02-US U.S. Application No. 10/541937 Unassigned
International Application. No.	International Filing Date	Priority Date Claimed
PCT/US2004/000240	January 8, 2004	January 8, 2003

Title of Invention: MOLECULAR CARDIOTOXICOLOGY MODELING

Applicants For EO/EO/US: Donna L. MENDRICK, Mark W. PORTER, Kory R. JOHNSON,  
Brandon HIGGS, Arthur CASTLE and Michael ELASHOFF

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.
3. ☐ This express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(I).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. § 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
6. ☐ A translation of the International Application into English (35 U.S.C. § 371(c)(2)).
7. ☐ A copy of the International Application as filed has been transmitted by the Bureau.
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
10. ☐ An oath or declaration of the inventors (35 U.S.C. § 371(c)(4)).
11. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).

Items 12. to 15. below concern other document(s) or information included:

12. ☐ An Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98.
13. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and § 3.31 is included.
14. ☒ A FIRST preliminary amendment.
15. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☒ Other items or information:
  - a. Statement Accompany Sequence Listing
  - b. Diskette containing Sequence Listing CRF